

**OPINION 2378 (Case 3632)*****Anathyris monstrum* Khalfin, 1933 (currently *Anathyrella monstrum*; Brachiopoda, Athyridida): specific name conserved**

**Abstract.** Under the plenary power the Commission has conserved the specific name of the widely cited fossil brachiopod *Anathyris monstrum* Khalfin, 1933 by ruling that the two unused ‘varietal’ names, which together ambiguously comprised the species, are unavailable from their original descriptions in Khalfin (1933). In addition, the Commission has confirmed the conditionally proposed lectotype designation for *Anathyris monstrum*.

**Keywords.** Nomenclature; taxonomy; Brachiopoda; Rhynchonellata; Athyridida; *Anathyris*; *Anathyrella*; *Anathyrella monstrum*; *Anathyrella monstrum rotundata*; *Anathyrella monstrum mucronata*; Russia; Solomino Horizon; uppermost Frasnian.

**Ruling**

- (1) Under the plenary power the names *rotundata* Khalfin, 1933 and *mucronata* Khalfin, 1933, as published in the binomina *Anathyris monstrum* var. *rotundata* and *Anathyris monstrum* var. *mucronata*, are not available from Khalfin (1933a).
- (2) The name *monstrum* Khalfin, 1933, as published in the binomen *Anathyris monstrum*, is hereby placed on the Official List of Specific Names in Zoology.
- (3) In addition, the Commission hereby approves the designation of the specimen figured by Khalfin (1933a, pl. 6, fig. 1a–d) as the lectotype of *Anathyris monstrum*, under the specific powers.

**History of Case 3632**

An application to conserve the name of the widely cited fossil brachiopod *Anathyris monstrum* Khalfin, 1933 (Solomino Horizon, Frasnian, Russia) was received from Fernando Alvarez (*Departamento de Geología, Universidad de Oviedo, Oviedo, Spain*) and Tatyana L. Modzalevskaya (*All-Russian Geological Research Institute (VSEGEI), St. Petersburg, Russia*) on 4 June 2013. After correspondence the Case was published in BZN 70: 175–189 (September 2013). The title, abstract and keywords of the Case were published on the Commission’s website. Comments on this Case were published in BZN 70: 253–256. The Case was sent for vote on 1 June 2015. A greater than two-thirds majority of Commissioners voted FOR the Case (18 For, 2 Against).

**Decision of the Commission**

At the close of the voting period on 1 September 2015 the votes were as follows:

Affirmative votes – 18: Alonso-Zarazaga, Ballerio, Bouchet, Brothers, Grygier, Halliday, Harvey, Kojima, Kottelat, Krell, Kullander, Lamas, Pape, Štys, van Tol, Winston, Yanega, and Zhou.

Negative votes – 2: Bogutskaya and Rosenberg.

Fautin, Ng, Patterson, Pyle and Zhang were on leave of absence.

Voting FOR, Grygier commented that there was no proposal for the Commission to confirm the conditionally proposed lectotype designation for *Anathyris monstrum*, i.e. the specimen figured by Khalfin (1933a, pl. 6, fig. 1a–d; 1933b, pl. 4, fig. 3c1–c2). Approval of the rest of the proposals without such a designation would leave the matter partly open. In an effort to remedy this oversight, he declared his support FOR this lectotype designation as a write-in vote. Also voting FOR, Yanega said that he would also endorse the acceptance of the lectotype designation for *Anathyris monstrum* that was conditionally proposed in the Case. Also voting FOR, Krell said he supported the proposed lectotype designation, while Alonso-Zarazaga, who also voted FOR, formally requested the Secretariat to add to the Opinion (if approved) the recognition of the proposed lectotype as a part of the Opinion. The majority of the Commissioners supported the endorsement.

Voting AGAINST, Bogutskaya said that based upon reading the publications by Khalfin (1933a, 1933b), her opinion is that the case was not necessary, as she saw no real reason why the name *monstrum* had to be conserved as being a widely accepted senior synonym and an available name: there were three available names published (with syntypes and illustrations); *rotundatum* was, soon after, synonymised with *monstrum* by the same author keeping *monstrum* as a senior synonym; later, *mucronatum* was also synonymised with *monstrum*. However, in case there is some uncertainty with the situation with *monstrum* (being attributed to small-sized specimens only), it would be rather elegant to select a lectotype for *rotundatum* and then ask the Commission to set aside the syntypes of *monstrum* and designate the neotype, the same specimen as the lectotype of *rotundatum* (e.g. 1933a, pl. 6, fig. 1a–d; 1933b, pl. 4, fig. 3c1–c2). Consequently, she did not agree with the suggestion by Mark Grygier to ‘add a comment explicitly endorsing the lectotype designation for *Anathyris monstrum* that was conditionally proposed in the Case but was left out of the formal proposals, i.e. the specimen figured by Khalfin (1933a, pl. 6, fig. 1a–d; 1933b, pl. 4, fig. 3c1–c2)’.

### Original references

The following is the original reference to the entry on the Official List in the ruling given in the present Opinion:

*monstrum*, *Anathyris*, Khalfin, 1933, *Materials on the stratigraphy of the Kuzbass north edge. Trudy Nauchno-Issledovatel'skogo Ugol'nogo Instituta Kuzbassugol'*, vol. 2. Novosibirsk, Moscow, Leningrad, p. 37.